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L1	31	(lcp or linear near complementarity near problem) and island near4 process$4	US-PGPUB; USPAT	NEAR	OFF	2007/08/22 19:14
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L3	2	(linear near complementarity near problem) and island near4 process$4	US-PGPUB; USPAT	NEAR	OFF	2007/08/22 18:48
L4	6555	(lcp or linear near complementarity near problem)	US-PGPUB; USPAT	NEAR	OFF	2007/08/22 19:14
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A Comparison of Large Scale Mixed Complementarity Problem Solvers

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↑ ABSTRACT

This paper provides a means for comparing various computer codes for solving large scale mixed complementarity problems. We discuss inadequacies in how solvers are currently compared, and present a testing environment that addresses these inadequacies. This testing environment consists of a library of test problems, along with GAMS and MATLAB interfaces that allow these problems to be easily accessed. The environment is intended for use as a tool by other researchers to better understand both their algorithms and their implementations, and to direct research toward problem classes that are currently the most challenging. As an initial benchmark, eight different algorithm implementations for large scale mixed complementarity problems are briefly described and tested with default parameter settings using the new testing environment.

↑ REFERENCES

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

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